

Configuration

The `config.json` file is in the [json format](#) and currently includes four sections:

```
{
  "settings": { ... },
  "plugins": [ ... ],
  "devices": [ ... ],
  "rules": [ ... ]
}
```

The *settings* section

The *settings* section contains the configuration for the HTTP and HTTPS server. You have to set the *username* and *password* property for the authentication or disable it with setting *enabled* to false. In the default config just the HTTP server is enabled and configured to run on port 80.

See the [config-schema](#) for more details and all configuration options.

The *plugins* section

In the *plugins* section you have to list all plugins to load in the form of

```
{
  "plugin": "plugin-name"
}
```

where *plugin-name* is the name and directory of the plugin you want to load. All plugins are installed in the `node_modules` directory and prefixed with `pimatic-`.

The *devices* section

The *devices* section should contain all devices, you want to have registered in the framework. An actuator is typically provided by a plugin, so take a look at the desired plugin for more details about the configuration of your devices. A device configuration has the form

```
{
```

```
"id": "light",  
"class": "SomeSwitch",  
"name": "Light in the kitchen",  
...  
}
```

where the *id* property should be unique, the *name* property should be a human readable description and the *class* property determines the plugin and type of the device.

The *rules* section

The *rules* section can contain a list of rules in the form of:

```
{  
  "id": "printerOff",  
  "rule": "when its 6pm then turn the printer off"  
}
```

where *id* should be a unique string and rule a string of the form "when ... then ...".